

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Alan Ballard, Peggy Shafer, and Theresa Sherwood.
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TITLE: Customization of Tab-order Functionality in Internet Applications
EXAMINER: Pitaro, Ryan F.
ART UNIT: 2152
ATTY.DKT.NO.: PA1741US

Oath and Declaration of Alan Ballard
UNDER 37 C.F.R. § 131

- [0001] I, Alan Ballard, am an inventor of the present application—U.S. patent application number 10/040,397—for a “Customization of Tab-order Functionality in Internet Applications.”
- [0002] The invention was reduced to practice in the United States prior to January 26th, 2001.
- [0003] The reduction to practice is evidenced by at least the following enclosed document, which was reviewed and approved by myself prior to being published internally to PeopleSoft in December 2000:

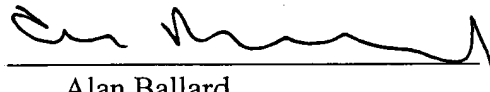
Document A: a redacted copy of an internal PeopleSoft White Paper entitled
“Delivering Intuitive, Robust, Pure Internet Applications for the Power
User.”

AS.

[0004] I, therefore, claim priority under 37 C.F.R. § 131 over "ResQNet", ResQNet.com Announces the Release of ResQNet Version 3.2, which was cited by Examiner Ryan F. Pitaro on page 8 of the Office Action mailed 03/25/2005.

[0005] I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

Date: June 6 2005


Alan Ballard

Document A

In Support of Oath and Declaration of Alan Ballard



PeopleSoft Power HTML

*DELIVERING INTUITIVE, ROBUST, PURE INTERNET
APPLICATIONS FOR THE POWER USER*

PEOPLESOFT WHITE PAPER
JANUARY 2001

PeopleSoft Power User Experience—Delivering Intuitive, Robust, Pure Internet Applications for the Power User



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Document Purpose and Scope

PeopleSoft Power HTML is a combination of technology features and design techniques that optimize the user experience for the power user. This document provides an overview of the PeopleSoft Power HTML features in PeopleSoft 8. It is written for an audience familiar with the business requirements of enterprise applications. It contains the following sections:

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Potential Patent ... User Controlled Page Tab Settings for a Web App:

Interactive Page Settings

As the end user becomes more experienced with the PeopleSoft system, she'll want to tweak her interactive page settings to minimize key strokes and maximize her productivity. For example, the very experienced end user may memorize the most common department or product codes and may no longer need to look up these codes the majority of the time. In this case, the end user will want to remove the lookup icons from her tabbing sequence in order to speed data entry. This is just one example of user personalization that helps optimize the user experience. Here is a summary of the interactive page settings that the end user can personalize:

Tab Over Options

The end user can control whether the following page controls are included in the page tabbing sequence (i.e. whether the cursor stops on these icons or are automatically skipped over when the tab key is pressed):

- ❖ Lookup Icons
- ❖ Calendar Icons
- ❖ Related Links Icons
- ❖ Header Icons
- ❖ Add and Delete Buttons in Grids and Scrolls
- ❖ Grid Tab Links
- ❖ Page Links
- ❖ Navigation Bar
- ❖ Web Browser Elements (address bar, etc.)
- ❖ PeopleSoft Toolbar

Note that all of the above controls will continue to be displayed and fully available to the end user via the mouse even when excluded from the tabbing sequence. Once the end user masters the available access keys and hot keys (discussed below), there will no longer be a need for most of the controls listed above to be included in her tabbing sequence.

Save Indicators

Less experienced users will want the PeopleSoft system to behave so that it is very clear to the end user when she needs to save changes and when changes have been saved successfully. Once the end user gains experience with the PeopleSoft system, these interactive features may become distracting. The end user will have the option to deactivate the following save indicators:

- ❖ Save Warning Message
- ❖ Save Confirmation Message

International Preferences

The following are the primary international settings that can be maintained by the end user. Note that these settings are useful for both the casual end user and the power user and are not targeted solely at the power user.

- ❖ **Date Format:** (DD-MM-YY, MM-DD-YY, YY-MM-DD). The century (YYYY or YY) is controlled as a panel field property by the system designer and is not a preference. This setting allows the end user to control how she enters and views date fields in PeopleSoft pages.
- ❖ **Date Separator:** Any single character. Common ones would be '/', '-', '.'. This determines whether the date will be shown as DD/MM/YY or DD-MM-YY for example.
- ❖ **Time Format:** (h:mm:ss tt or H:mm:ss). Determines the difference between 8:05:00 PM and 20:05:00. The determination of whether seconds and microseconds are displayed is made at the field level by the system designer. It is not a preference.
- ❖ **Default Currency:** The default currency that currency related transactions are entered in.
- ❖ **Currency Symbol:** Any string up to 5 characters long. Often '\$', '¥', '€', '£'. This determines the default value for fields if no Currency Control field is specified.
- ❖ **Local Time Zone:** The local time zone of the end user.

- ❖ **Language Code:** The language that the application is displayed in.

Mouse-less Data Entry

Mouse-less data entry is a critical piece of the PeopleSoft Power HTML user experience. Power users want to keep their hands positioned on the keyboard versus having to constantly reposition their hands to and from the keyboard and the mouse. Thus, power users shouldn't be dependent on the mouse to navigate the PeopleSoft system and enter data. With PeopleTools 8.12, all PeopleSoft 8 power user applications can be driven from the keyboard without using the mouse. Mouse-less data entry is definitely an area ignored by many web sites, which assume that the end user will depend primarily on the mouse for navigation. PeopleSoft engineers have found that this is one area where attention to detail is critical. Simple things such as paying close attention to cursor placement and using the Enter key consistently across the applications are critical for delivering a high quality browser-based user interface for the power user.

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